

Hélène BUREAU

Publications

C. Leroy, C. Sanloup, H. Bureau, B.C. Schmidt, Z. Konôpkova, C. Raepsaet, (2018) Bonding of xenon to oxygen in magmas at depth. *Earth and Planetary Sciences Letters* 484, 103-110

M. Roberge, H. Bureau, N. Bolfan-Casanova, D. Frost, C. Raepsaet, S. Surble, H. Khodja, A.L. Auzende, P. Cordier, G. Fiquet. (2017) Chlorine in wadsleyite and ringwoodite: an experimental study, *Earth and Planetary Sciences Letters*, 467, 99-107.

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D.L. Pinti, A. Ishida, N. Takahata, Y. Sano, H. Bureau, P. Cartigny (2016) Micron-scale delta C-13 determination by NanoSIMS in a Juina diamond with a carbonate inclusion. *GEOCHEMICAL JOURNAL* 50/4, E7-E12. DOI: 10.2343/geochemj.2.0427

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C. Crépisson; M. Blanchard; H. Bureau; C. Sanloup; A. C Withers; H. Khodja; S. Surblé; K. Béneut; C. Leroy; P. Giura; E. Balan (2014) Clumped fluoride-hydroxyl defects in

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C. Crépisson, G. Morard, H. Bureau, G. Prouteau, Y. Morizet, S. Petit-Girard, C. Sanloup (2014) Magmas trapped at depth and the continental lithosphere-asthenosphere boundary, Earth and Planetary Science Letters, 393, 105-112.

C. Crépisson, H. Bureau, M. Blanchard, J. Ingrin, E. Balan (2014) Theoretical infrared spectrum of partially protonated cationic vacancies in forsterite, European Journal of Mineralogy, 26, 203-210.

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Chapters

H. Bureau (2016). Bromine, Encyclopedia of Geochemistry. A Comprehensive Reference Source on the Chemistry of the Earth; in Encyclopedia of Earth Sciences Series, William M. White, Editor. Springer International Publishing. ISBN: 978-3-319-39193-9 (Online), in production.

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